

Jagroop Singh

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EDUCATION

Diploma in Computer Science

Jan. 2020 - Present

University of Regina, Regina, SK

(expected completion) Aug. 2022

EXPERIENCE

Training & Online Course Assistant (Coop)

Aug. 2021 - April 2022(Full time)

Business Administration, University of Regina, Regina, SK

- Provide Learning management system (LMS) support to the instructors for moodle based URcourses, proctortrack and various types of software.
- Work one-on-one with staff to introduce them to a broad range of computer applications and instructional tools related to curriculum delivery and research or solve problems encountered
- Guide course instructors in the effective use of audio, video, graphic, multimedia and online resources within courses to improve learning and engage diverse learning needs

Student Election Officer

Sept. 2021 - Present (Casual)

URSU, University of Regina, Regina, SK

- Responsible for solving serious violations of URSU elections and investigating any complaints or appeals brought forward to the Elections Committee
- Confer with all parties involved to clarify issues, identify concerns, & develop an understanding of all sides
- Carefully analyzing the situation and providing recommendations to the other members of the Elections Committee for a fair decision.

Research and Projects

University of Regina (academic) SK

- [Personal portfolio](#), April 2021: Dynamic responsive website using HTML5, CSS, javascript, php and ajax
- *Tic tac toe game*, Feb 2021: Game with ASCII based GUI which could run in three modes - player vs player, computer vs computer and player vs computer.
- *Mapit*, Jan 2021: Script in python to automate opening web browsers, sites and searching of locations, reduces the process from six-eight clicks to only one click.
- *Bank Account management system*, Nov, 2020: Developed an advanced record keeping system in C++.
- [Grocery management system](#), July, 2021: Developed an advanced grocery inventory record keeping system in Web(HTML, JS, CSS, PHP, MySQL, Ajax)

SKILLS

Computer Experience

- *Operating Systems* : Windows 10, MacIntosh OS, Hercules(Unix server), Linux
- *Coding* : C/C++, Java, MIPS assembly, HTML, CSS, Python, SQL, Javascript, PHP, Node.js,
- *Software Applications* : Visual Studio, VS Code, Logisim, Xcode, QtSpim, MS(Word, Excel, Teams)
- *Others* : Terminal, bash, Chrome, Atom

Core Skills

- Excellent written & oral communication skills and active listening skills
- Ability to analyze and solve problems under a strict time frame using the resources available
- Ability to maintain confidentiality and impartiality within the workplace.
- Possesses excellent organizational and time management skills
- Ability to work calmly under pressure

ACTIVITIES AND AREAS OF INTEREST

Activities

- Chess, Learning languages, Football, Biking, Gaming.

Areas of Interest

- New technologies like Artificial Intelligence, Machine learning, AR, VR and algorithms